

COPY OF PAPERS
ORIGINALLY FILED

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

+

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/763,586
Filing Date	February 22, 2001
First Named Inventor	Kenji Kadomatsu
Art Unit	1615
Examiner Name	
Attorney Docket Number	SPO-113

RECEIVED

MAY 21 2002

TECH CENTER 600/2900

Sheet

1

of

2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
JDS	U1	US-5,521,004	05/28/1996	Wolff Walsrode AG	
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			
	U10	US-			
	U11	US-			
	U12	US-			
	U13	US-			
	U14	US-			
	U15	US-			
	U16	US-			
	U17	US-			
	U18	US-			
	U19	US-			
	U20	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
JDS	F1	JP 07-089041 A (with English abstract)	04/11/1994	Wolff Walsrode AG		
	F2	PCT/US95/08781 A	02/01/1996	Georgetown University		
	F3	WO 93/38074 A (English abstract)	06/06/1993	Meiji Milk Products CO., LTD.	No translation Not considered	
	F4					
	F5					
	F6					
	F7					
	F8					
	F9					
	F10					

Examiner
Signature

JDSchubert

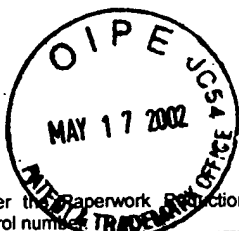
Date
Considered

5-29-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



COPY OF PAPERS
ORIGINALLY FILED

PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/763,586
Filing Date	February 22, 2001
First Named Inventor	Kenji Kadomatsu
Group Art Unit	1615
Examiner Name	
Attorney Docket Number	SPO-113

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	TECH CENTER 1000/2300
JDS	R1	MURAMATSU, HISAKO <i>et al.</i> "Enzyme-Linked Immunoassay for Midkine, and Its Application to Evaluation of Midkine Levels in Developing Mouse Brain and Sera from Patients with Hepatocellular Carcinomas" <i>J. Biochem.</i> 119:1171-1175, 1996.	
	R2	Patent Abstracts of Japan, vol. 2000, no. 17, June 5, 2001.	
	R3	RATOVITSKI <i>et al.</i> "Midkine induces tumor cell proliferation and binds to a high affinity signaling receptor associated with JAK tyrosine kinases" <i>The Journal of Biological Chemistry</i> 273(6):3654-3660, February 6, 1993.	
	R4	WANG, SHA-YAN <i>et al.</i> "Midkine exists in astrocytes in the early stage of cerebral infarction" <i>Developmental Brain Research</i> 106:205-209, 1998.	
	R5		
	R6		
	R7		
	R8		
	R9		
	R10		
	R11		
	R12		
	R13		

Examiner
Signature

JD Schutz

Date

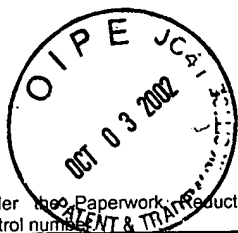
Considered

5-29-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



RECEIVED

OCT 08 2002

#13/Suppl
I.D.S
+

TECH CENTER 16002800

Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/763,586
				Filing Date	February 22, 2001
				First Named Inventor	Kenji Kadomatsu
				Art Unit	1615
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number SPO-113	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US-			
	U2	US-			
	U3	US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	P1	JP 6-27021 A	01-30-1990	Mitsui Toatsu Kabushiki Kaisha	No reductions Translations provided
	P2	JP 8-73488 A	03-19-1996	Mitsui Toatsu Kabushiki Kaisha	
	F3	WO 99/16463 A1	04-08-1999	Meiji Milk Products Co.	
	F4				
	F5				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JDS	R1	BERK, BRADFORD C. <i>et al.</i> (May 1991) "Pharmacologic Roles of Heparin and Glucocorticoids to Prevent Restenosis After Coronary Angioplasty" <i>J. Am. Coll Cardiol.</i> 17(6 Suppl B):111B-117B.	
JDS	R2	GRIFFITH, MAY (1997) "Midkine and Secondary Neurulation" <i>Teratology</i> 55:213-223.	
JDS	R3	OHYAMA, Y <i>et al.</i> (1994) "Isolation and identification of midkine and pleiotrophin in bovine follicular fluid" <i>Mol. Cell Biol.</i> 105:203-208.	
JDS	R4	SUN, XUE-ZHI <i>et al.</i> (December 1997) "An Immunohistochemical Study of Radial Glial Cells in the Mouse Brain Prenatally Exposed to γ -irradiation" <i>Journal of Neuropathology and Experimental Neurology</i> 56(12):1339-1348.	
	R5		

Examiner Signature	<i>JD Schuyt</i>	Date Considered	5-25-03
---------------------------	------------------	------------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.